**AshishRao**

**Bangalore, India**

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**CAREER GOAL**

Seeking international assignments in the area of “Corrosion Engineering and Project Management” with upper quartile corporations.

**SUMMARY**

Budding engineer with energy and drivefor challenges. Comprehensive experience acquired in reputed Engineering Organizations in India& international. Hands-on expertise in techno commercial aspects of cathodic protection, corrosion engineering, material testing coupled with in-depth knowledge of test equipment and procedures. Superior training packed with high caliber projects under the tutelage of renowned experts in the field. Successfully completed courses in NACE Basic corrosion Engineer, Industrial Metals Technology and Basic Metals Technology atrenowned international engineering laboratories.

Team worker adapting to multiethnic and cultural diversities with ease.Zeal to keep abreast with latest technologies.Highly dedicated and passionate to excel.

**EDUCATION**

* Postgraduate Diploma in Corrosion Control Engineering, University of Manchester,2011
* National Association of Corrosion Engineer(NACE) Certified Corrosion Technician (certification No 44658)
* Bachelor of Engineering Course in Mechanical Engineering, Don Bosco Institute of Technology, Bangalore, 2009
* Pre-University, BHS First Grade College, Bangalore, 2004
* Std X, New Public School, Bangalore, 2002

**PROFESSIONAL WORK EXPERIENCE**

**Rutledge Global,** Singapore**, December 2013- Till Date**

**Senior Project Operations Engineer**

Responsibilities include spearheading sales & marketing in Middle East, South Asia, develop and manage a team of corrosion technicians/engineers, fully accountable for the delivery of services to Clients and corrosion/cathodic protection project management.

**Corrtech International Pvt LTD,** Ahmedabad, India**, January 2012- November 2013**

**Manager Projects and Marketing** with the following responsibilities:

* Manage and Drive various techno commercial aspects of the organization as described below.
* Execution of Cathodic Protection projects at respective regional sites.
* Maintenance of cost and optimization of resources.
* Channelizing resources and equipments towards most optimal use.

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* Approving project schedule, budgeting and monitoring activities on routine basis.
* Maintaining proper client interaction and services. Also carrying proper liasioning work between client, customer and contractors.
* Engineering Design and Documentation work related to CP activities.
* Ensuring proper order and payment invoicing terms with contractors and clients.
* To prepare financial for project and put up for managements approval
* To strategize and execute business plan for cathodic protection.
* Compliance of safety and statutory measures at sites.
* Ensuring customer compliance in terms of quality and timelines

**Current Projects being executed**

* **Utilities and Offsite Project for OPAL, Dahej**
* **Onshore Gas Terminal Project for ONGC, Kakinada, AP**
* **Paradeep Refinery Project for IOCL, Paradeep, Orisa**
* **HDPE Plant for OPAL, Dahej**
* **Reliance HDPL pipeline project, Surat**

**Exova (Formerly Bodycote Materials Testing Services),**Abu Dhabi, UAE**November2009 to September 2010**

**Operations Supervisor** with the following responsibilities**:**

Verifying of client requirements.Processing of client orders **/** instructions.Assigning of certain duties to subordinates, explaining how those duties are to be done and communicate how the successful performance of those duties are to be achieved. Helping employees and clients address and resolve a wide variety of concerns and problems.

Co-ordination of third party inspections.Responsible for work schedule and “on-time” delivery of client requests. Supervise testing activities to ensure compliance with relevant standards / test specifications.Ensure compliance of various departments such as corrosion metallurgy mechanical and coatings to safety and company policies.Was also coordinating and witnessed various NDT tests such as ultrasonic inspection, radiography, MPI and LPI.

**Exova (Formerly Bodycote Materials Testing Services),**Abu Dhabi, UAE**July2009 to November 2009**

**Junior Corrosion Engineer** with the following responsibilities:

Ensure compliance with relevant standards **/** test specifications. Handling incoming enquiries provide information to clients. The testing activities would include sour service testing such as Hydrogen Induced

Cracking, stress induced cracking, Pitting corrosion, Intergranular corrosion, various coating quality tests.

Mechanical and corrosion testing of WPS and PQR of pipelines and welded structures according to

International standards

**Bodycote Materials Testing Services,** Abu Dhabi, UAE **2007**

(A leading multinational Organisation in the area of Material Testing & Thermal processing)

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Performed intensive General Mechanical Testing like Tensile Testing, Impact Testing, Hardness Testing, Fracture Testing, Macro& Micro Examination & Bend Testing.

Looked into Fracture Toughness focusing on CTOD, BS and ASTM standards along with Corrosion Testing namely Sulphide Stress Corrosion Test, Hydrogen Induced Cracking and maintenance of ASTM A262 and ASTM G48 standards

**Bodycote Corrosion Centre**, Dudley, UK**2007**

Hands-on experience in Sour Service Corrosion, Full ring corrosion test& Routine Corrosion Testing.

**Kumbalgodu Alloy Steel Castings,** Bangalore, India

Experience gained in our family business of alloy steel casting production.

**PROJECT WORK PURSUED DURING ENGINEERING**

**Implementation of Corrosion Lab**

**Title:**STUDY OF CORROSION RESISTANCE AND MECHANICAL PROPERTIES OF BOILER TUBE MATERIALS

**Institute:** Central Power Research Institute, Bangalore

**Description:**Setup of sour service testing conforming to ASTM and NACE standards.

**PROFESSIONAL DEVELOPMENT**

**Training at Leading International/National Laboratories/Industries**

* Sour Service Corrosion & Routine Corrosion Testing at Bodycote Corrosion Centre, Netherton, Dudley, UK, 2007
* Implementation of Cathodic Disbondment Test Equipment, Bodycote Materials Testing Services, Abu Dhabi, UAE, 2008
* Training in Spectrometer, Scanning Electron Microscope, Optical Microscope and X-ray Residual analysis, Central Power Research Institute, Bangalore
* Broad training in Foundry Technology, Kumbalgodu Alloy Steel Casting Pvt. Ltd., Bangalore, 2004
* Comprehensive training in CNC Turning, CNC Milling, Jig Boring, Fabrication, Radial Drilling, Chandra Engineering Works, Bangalore, 2005

**Courses**

* + National Association of Corrosion Engineer(NACE) Certified Corrosion Technician (certification No 44658)
  + National Association of Corrosion Engineer(NACE) Basic Corrosion Engineer course, Abu Dhabi, UAE, August 2009
  + Pipeline Corrosion, Educational Program, NACE India, February 2012
  + Industrial Metals Technology and Basic Metals Technology, Bodycote Materials Testing Services, Abu Dhabi, UAE, 2008
  + Course in Basic, Windows & Programming in HTML.

**PERSONAL**

**Date of Birth** : July 3, 1986

**Spoken Languages** : English, Hindi, Kannada